

20000513.qrp v01\_n820.qrl.20000513

Date: Sat, 13 May 2000 19:03:06 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1820

## QRP-L Digest 1820

Topics covered in this issue include:

- 1) [70057] Re: Solid state tubes -- an urban myth?? - No !! It is true !!!  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 2) [70058] Proper measurement question  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 3) [70059] Re: HELP: Hammerlund, Not a QRP receiver? It is now.  
by Ray Colbert <af852@rgfn.epcc.edu>
- 4) [70060] VE3DNL marker generator  
by "Mark Paley" <mpaley@wcnet.org>
- 5) [70061] Re: Solid state tubes -- an urban myth??  
by Ray Colbert <af852@rgfn.epcc.edu>
- 6) [70062] Re: Solid state tubes -- an urban myth??  
by "Dave Benham" <dodgeboy@mindspring.com>
- 7) [70063] Re: Phone Company Removes endfed  
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 8) [70064] RE: VE3DNL marker generator  
by Radman <radman@best.com>
- 9) [70065] Re: Solid state tubes -- an urban myth??  
by "Mike Yetsko" <myetsko@insydesw.com>
- 10) [70066] Re: Solid state tubes -- an urban myth??  
by Mike <mmorrow@companet.net>
- 11) [70067] Re: Solid state tubes -- an urban myth??  
by david fouchey <dafouchey@home.com>
- 12) [70068] Re: Solid state tubes -- an urban myth??  
by K2UD@aol.com
- 13) [70069] Re: Phone Company Removes endfed (Another Thought)  
by "Robert Roach" <ke4qok@worldnet.att.net>
- 14) [70070] Ref: Transistor to Key Command TX  
by George F Franklin <w0av@juno.com>
- 15) [70071] Re: Solid state tubes -- an urban myth??  
by Brian Chesire <BCChesire@worldnet.att.net>
- 16) [70072] Re: HQ170 Alignment  
by Lee Bahr <w5drc@earthlink.net>
- 17) [70073] Re: Phone Company Removes endfed (Another Thought)  
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 18) [70074] loop is up!  
by john@neknetwork.com
- 19) [70075] Danny

- by "John Kirk, VE6XT" <jakirk@calcna.ab.ca>
- 20) [70076] thanks folks!  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 21) [70077] 4/15/00 fcc test credit  
by "Michael Herman" <kc9nf@hotmail.com>
- 22) [70078] Elmer 101: Thanks to all who helped  
by "Tom" <tmccullo@suffolk.lib.ny.us>
- 23) [70079] OT: Los Alamos Wall of Fire {long}  
by jaywa5whn@juno.com
- 24) [70080] tilted loop  
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 25) [70081] Hardware  
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 26) [70082] Re:Gutters as radials??  
by Rremmel@aol.com
- 27) [70083] Re: Loop!  
by S LYON <sslyon@worldnet.att.net>
- 28) [70084] Re: 4/15/00 fcc test credit  
by Al Patrick <arp@inet4u.com>
- 29) [70085] Re: scott sled  
by S LYON <sslyon@worldnet.att.net>
- 30) [70086] FDIIM tickets  
by "Thaire Bryant" <tbry37@ici.net>
- 31) [70087] Sell/Trade: Bencher chrome key  
by Patrick Armstrong <aa7fg@gte.net>
- 32) [70088] Re: 4/15/00 fcc test credit  
by Ray Colbert <af852@rgfn.epcc.edu>
- 33) [70089] RE: OT Los Alamos Wall of Fire (long)  
by jaywa5whn@juno.com
- 34) [70090] SMiTe: Hunt begins Sunday!!!  
by Bob Kellogg <ae4ic@nr.infi.net>
- 35) [70091] Re: Gutters as radials??  
by Dave Sjolin <sjolin@swbell.net>
- 36) [70092] Re: 4/15/00 fcc test credit  
by Lee Bahr <w5drc@earthlink.net>
- 37) [70093] Re: Solid state tubes -- an urban myth??  
by "Dave Gw" <kjg@cmc.net>
- 38) [70094] S & S Engineering  
by "Tony Fishpool" <g4wif@btinternet.com>
- 39) [70095] Solid state tubes -- an urban myth??  
by "Tony Fishpool" <g4wif@btinternet.com>
- 40) [70096] Re: Danny  
by Wa3ptg@aol.com
- 41) [70097] SMD Pick "N" Place Device  
by "Jerry Henshaw" <jhenshaw@bellsouth.net>
- 42) [70098] Re: 4/15/00 fcc test credit  
by "Richard Brummer, K2JQ" <obvious@bestweb.net>
- 43) [70099] Re: S & S Engineering

by paul taylor <ptay1@miro.bestweb.net>  
44) [70100] K0EVZ = KC80C0/0 during FISTS Sprint  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>  
45) [70101] Re: 4/15/00 fcc test credit  
by "John Nall" <nally@talstar.com>  
46) [70102] Re: 4/15/00 fcc test credit  
by "Dieter \ (Diz\ ) Gentzow W8DIZ" <w8diz@cinci.rr.com>  
47) [70103] Re: SMD Pick "N" Place Device  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>  
48) [70104] Re: 4/15/00 fcc test credit  
by "Mike Yetsko" <myetsko@insydesw.com>  
49) [70105] Re: HELP: Hammerlund, Not a QRP receiver? It is now.  
by Ray Colbert <af852@rgfn.epcc.edu>  
50) [70106] Re: Solid state tubes -- an urban myth??  
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>  
51) [70107] Re: S & S Engineering  
by "Tracy, Michael, KC1SX" <mtracy@arrl.org>  
52) [70108] Re: 4/15/00 fcc test credit  
by sigcom@juno.com  
53) [70109] FS/T: Audio Filters , K8FF paddles  
by "Tim Cook" <timcook@erinet.com>  
54) [70110] Wallis and Futuna Islands  
by n4so@juno.com  
55) [70111] Re: Wallis and Futuna Islands -- INFO  
by KB7WW Art Moe <kb7ww@chatusa.com>  
56) [70112] S & S ENGINEERING//\*\*n3sad@aol.com  
by n4so@juno.com  
57) [70113] Re: SMD Pick "N" Place Device  
by "Cla KA0GKC" <ka0gkc@arrl.net>  
58) [70114] Re: 4/15/00 fcc test credit  
by Roger Hightower <n7kt@worldnet.att.net>  
59) [70115] Ft. Tuthill info needed.  
by "Cla KA0GKC" <ka0gkc@arrl.net>  
60) [70116] Re: Proper measurement question  
by Jim Slouber <jslouber@highsierraelectronics.com>  
61) [70117] QRPTTF photos  
by John AE5X <ae5x@juno.com>  
62) [70118] K-2 Delivery now up thru# 01268  
by wa4dou@excite.com  
63) [70119] Re: SMD Pick "N" Place Device  
by Bruce Kizerian <kizerian@ced.utah.edu>  
64) [70120] SMiTe: Hunt Rules  
by Bob Kellogg <ae4ic@nr.infi.net>  
65) [70121] Re: K0EVZ = KC80C0/0 during FISTS Sprint  
by Ray Colbert <af852@rgfn.epcc.edu>  
66) [70122] Re: Proper measurement question  
by gsurrency@juno.com  
67) [70123] FS: MFJ 9040 etc.

by "George Goodroe" <goodroe@worldnet.att.net>  
68) [70124] Re: FS/T: Audio Filters , K8FF paddles (PADDLES SOLD)  
by "Tim Cook" <timcook@erinet.com>  
69) [70125] Re: Proper measurement question  
by "Cla KA0GKC" <ka0gkc@arrl.net>  
70) [70126] DX QSL & IRC?  
by Arjen Raateland <Arjen.Raateland@vyh.fi>  
71) [70127] Re: DX QSL & IRC?  
by "Alan Kaul" <alan.kaul@worldnet.att.net>  
72) [70128] Looking for SMK-1 QSO's  
by Paul Womble <pwomble1@tampabay.rr.com>  
73) [70129] Coming to Dayton & a shopping trip  
by nilsbull@juno.com  
74) [70130] Re: DX QSL & IRC?  
by Bruce Muscolino <w6toy@erols.com>  
75) [70131] Spare Oscilloscope for sale or for trade  
by Marty <N5NW@midsouth.rr.com>  
76) [70132] F/S / trade Ten tec scout station  
by K4NK@aol.com

-----  
Date: Fri, 12 May 2000 19:06:36 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: njqrp@njqrp.org  
Cc: nally@talstar.com, qrp-1@lehigh.edu  
Subject: [70057] Re: Solid state tubes -- an urban myth?? - No !! It is true !!!  
Message-ID: <391C8E7C.4DC55DE1@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Over the years I've seen a number of tube rigs "converted" using FET's. Surprisingly, no real standard for replacement developed. Probably due as much to application differences as anything. It always seemed to me to be an interesting idea for resoration purposes.

"Howard W." wrote:

>  
> Hello John,  
>  
> There were several solidstate replacements ofr tubes  
> back in the 70's. They were mostly replacements for  
> 5U4's and other rectifier tubes. I believe that they  
> may be available from Surplus Sales of Nebraska.. They  
> were called "Tubesters" or some such thing... I also  
> believe there were some provided by Sherwood  
> Engineering - the company that provided upgrade and

> mod kits for Collins and Drake equipment.  
>  
> Howard K3HW  
>  
> --- John Nall <nally@talstar.com> wrote:  
> > Greetings and salutations to all the honorable  
> > members. Being faced with  
> > the challenging task of restoring a piece of tube  
> > gear (test gear -- not  
> > radio)  
> > I seem to recall that I heard somewhere, sometime,  
> > from someone, that one  
> > could obtain solid state plug-in replacements for  
> > certain tubes. That is,  
> > take  
> > the tube out, plug the solid state "tube" in and  
> > take off like a goose.  
> > The word  
> > was that it involved something like a regular tube  
> > base, with an FET (or  
> > whatever)  
> > wired on top. Looked strange, I presume, but  
> > worked.  
> >  
> > Is this another urban myth? Or do such beasts  
> > really exist?  
> >  
> > John WB4LOQ (Color me curious)  
> >  
>  
> -----  
> Do You Yahoo!?  
> Send instant messages & get email alerts with Yahoo! Messenger.  
> <http://im.yahoo.com/>  
> ===== NJ QRP Club Mailing List =====  
> To unsubscribe from this list, send email to [listserver@vramp.net](mailto:listserver@vramp.net)  
> and put the text "unsubscribe njqrp" in the message. To post a  
> message to the list, send email to [njqrp@njqrp.org](mailto:njqrp@njqrp.org).

--

+++++

T.J. "SKIP" AREY N2EI e-mail [tjarey@home.com](mailto:tjarey@home.com)

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Fri, 12 May 2000 19:17:44 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [70058] Proper measurement question  
Message-ID: <391C9118.851041E1@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have an interesting situation that may apply to other folks. I have come into possession of a solar cell array and a gel cell of unknown parentage. They are also unmarked. What is the best way to measure the ampere/hour output of the solar cell AND the ampere/hour capacity of the gel cell given no other information that the terminal markings. I expect this is really not that hard but since I've never done it before I figure I'd ask the group it's thoughts on the subject.

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Fri, 12 May 2000 17:33:19 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: qrp-1@lehigh.edu  
Subject: [70059] Re: HELP: Hammerlund, Not a QRP receiver? It is now.  
Message-ID: <391C94BF.F16E4F7E@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

It was a version of the Hammarlund HQ100, marketed in the late 50's for a period of time and carried the nomenclature of HQ-105-TR and required the 2nd class commercial ticket to adjust, etc as did the cb's of the time. It was marketed for the swl making the transistion to the "new" cb band.  
Ray

-

"The more I see of the representatives of the people, the more I  
admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

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-----  
Date: Fri, 12 May 2000 19:39:57 -0700  
From: "Mark Paley" <mpaley@wcnet.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [70060] VE3DNL marker generator  
Message-ID: <000301bfbc84\$881efb60\$3bab85cd@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Does anyone know if the VE3NL marker-generator kit is still available. If so  
who sells it?

Thanks,  
Mark fPaley--KF8KL--

K2 #250  
mpaley@wcnet.org  
<http://www.wcnet.org/~mpaley>

-----  
Date: Fri, 12 May 2000 17:45:54 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: qrp-l@lehigh.edu  
Subject: [70061] Re: Solid state tubes -- an urban myth??  
Message-ID: <391C97B2.F7B34142@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

A number of years before Howard Sartori came out with the  
solid state subs for the Drake line, there was a line of  
solid state replacements made in California for the Collins  
S line, primarily the 75S/32S series equipment. I once asked

if they would work with the 51S1 and the fellow (don't recall his call now - sk now) and his response was that they were only designed for the above mentioned units and a lot of engineering design would have to be done for them to work with the 51S1, 51J1,2,3,4, series receivers. So I did not invest in any at that time. After the fellow passed on, I had heard that Peter Dahl Company in El Paso had bought the copyrights for manufacturing the tubes in the future - they were called "TUBESTERS", but to date, Peter has not gone into production with those. There are some still floating around out there. The original were made for the telephone company for the massive relay rack systems of the day and time, primarily 6AK5, 6AK6, 12AU7, 12AX7 and 12AT7. I don't think there were many other types that were tried except for the Collins and Drake substitutes. I don't recall exactly which magazine the original article appeared in, possibly Radio and TV Electronics or Electronics Illustrated sometime in the early 60's. The original designer may have been Telonics, there again trying to dredge something up from the memory. Hope that may have answered a little of the question.

73

Ray

--

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

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-----  
Date: Fri, 12 May 2000 19:57:34 -0400  
From: "Dave Benham" <dodgeboy@mindspring.com>  
To: <nally@talstar.com>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [70062] Re: Solid state tubes -- an urban myth??  
Message-ID: <003b01bfbc6d\$d8788f20\$dcd279a5@hqa.chrysler.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a couple of them that, if I remember correctly, I purchased from



Heathkit. I think I used to run them in one of their VTVM's. Seems like one was a 12AX7 and I forget the other one. They were totally enclosed metal cans about half the size of the tube they were replacing. They worked great until both blew out after a couple of years. I think I still have them. "Tubesters" was another one I remember (which someone else already mentioned).

I have no idea where you would find them today. If you find out, please let us know.

73,  
Dave K8TRF

----- Original Message -----

From: John Nall <nally@talstar.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Friday, May 12, 2000 5:13 PM  
Subject: Solid state tubes -- an urban myth??

> Greetings and salutations to all the honorable members. Being faced with  
> the challenging task of restoring a piece of tube gear (test gear -- not  
> radio)  
> I seem to recall that I heard somewhere, sometime, from someone, that one  
> could obtain solid state plug-in replacements for certain tubes. That  
is,  
> take  
> the tube out, plug the solid state "tube" in and take off like a goose.  
> The word  
> was that it involved something like a regular tube base, with an FET (or  
> whatever)  
> wired on top. Looked strange, I presume, but worked.  
>  
> Is this another urban myth? Or do such beasties really exist?  
>  
> John WB4LOQ (Color me curious)  
>

-----  
Date: Fri, 12 May 2000 20:04:47 -0400 (EDT)  
From: "baltimoreemd@baltimoreemd.com" <baltimoreemd@baltimoreemd.com>  
To: david fouchey <dafouchey@home.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70063] Re: Phone Company Removes endfed  
Message-ID: <Pine.BSI.4.05L.10005121958340.1458-1000000@vh1.min.net>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 12 May 2000, david fouchey wrote:

> AMEN BROTHER! You never forget the first time you cut out and hug the  
> pole...was pulling 6 inch long creosote slivers out of my chest for a  
> week. Please guys this is not funny, some one can get hurt very badly  
> very quickly from such foreign attachments. Did I mention I hate nails?

Since I started the thread, I need to comment. What was attached to the pole, completely out of the climbing path and potential runs of drop cable was a nylon cord, with enough slack that the antenna could have been lowered if required.

What I also didn't mention was there was a note explaining the attachment and the slack cable.

What also wasn't mentioned was that for the last 10 years I've never had an antenna cut by a lineman, they usually are polite, indicate an interest in ham radio, and some have even listened to cw through the open window then they're up on the pole.

thom

PS ... it must be one of those modern poles...already has steps in it...no spikes required.

../..  
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

<a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a>	Baltimore's Home Page
<a href="http://www.baltimorehon.com">http://www.baltimorehon.com</a>	Home of the Baltimore Lexicon
<a href="http://www.min.net/~thom/">http://www.min.net/~thom/</a>	Home of the Drake Mailing List

-----  
Date: Fri, 12 May 2000 17:08:17 -0700  
From: Radman <radman@best.com>  
To: "'Mark Paley'" <mpaley@wcnet.org>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70064] RE: VE3DNL marker generator  
Message-ID: <01BFBC34.B0D47C60@radman.vip.best.com>

Mark et al,

I believe the Ft. Smith QRP Group is still selling the marker generator. Go to the NorCal site and you can check it out from there - URL:

<http://www.fix.net/~jparker/norcal/marker/marker.htm>

GL es 73,

Conrad - NN6CW

-----  
From: Mark Paley[SMTP:mpaley@wcnet.org]  
Sent: Friday, May 12, 2000 7:40 PM  
To: Low Power Amateur Radio Discussion  
Subject: VE3DNL marker generator

Does anyone know if the VE3NL marker-generator kit is still available. If so who sells it?

Thanks,

Mark fPaley--KF8KL--

K2 #250

mpaley@wcnet.org

<http://www.wcnet.org/~mpaley>

-----  
Date: Fri, 12 May 2000 20:08:13 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [70065] Re: Solid state tubes -- an urban myth??  
Message-ID: <008e01bfbc6f\$921366c0\$4220fea9@dads-hp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You know, it would be a neat project...

If you find a tube you can 'redesign' as a FET module, do it. Then if someone were to start categorizing and archiving the info...

There's gotta be a lot of people that are still glowbugs that would like to convert to solid state.

I know, you can't do direct replacement in some cases,

but if a bunch of the glowbug people were to sit down, I'm sure they could come up with a spec.

Then again,. the application specific issue would undoubtedly rear it's head. I mean, if you did it over with FETs, and you did a rig from front to rear, would you really want to keep all the high voltages around?

You know, I seem to remember seeing someing on the usenet (I know, the past!!) a long time ago, about documents describing a protocol for conversion of a tube rigs to solid state.

Mike

-----  
Date: Fri, 12 May 2000 18:11:17 -0500  
From: Mike <mmorrow@companet.net>  
To: nally@talstar.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70066] Re: Solid state tubes -- an urban myth??  
Message-ID: <391C8F95.384A@companet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John Nall wrote:

> I heard somewhere, sometime, from someone, that one  
> could obtain solid state plug-in replacements for certain tubes.  
> <snip>  
> Is this another urban myth? Or do such beasties really exist?

Heathkit made a popular vacuum tube voltmeter in the mid-1970s that had two tubes in it (IIRC). They sold a optional set of "solid-state tubes" that could be plugged in as direct replacement. It made the unit perform much nicer, since now it was instant-on and had less drift.

The "solid State tubes" were small sealed metal cylinders with a normal miniature tube pin base.

I'll have to pull mine out of the storage shed someday and look.

73,

Mike / KK5F

-----  
Date: Fri, 12 May 2000 20:16:08 -0400  
From: david fouchey <dafouchey@home.com>  
To: dodgeboy@mindspring.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70067] Re: Solid state tubes -- an urban myth??  
Message-ID: <391C9EC8.BA32B2D2@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The Lenkurt 45A wire line carrier units used tubes to start with and later had FETRON solid state replacements for the tubes. Never did try them in anything else.

Dave WA4EMR/8

Dave Benham wrote:

>  
> I have a couple of them that, if I remember correctly, I purchased from  
> Heathkit. I think I used to run them in one of their VTVM's. Seems like  
> one was a 12AX7 and I forget the other one. They were totally enclosed  
> metal cans about half the size of the tube they were replacing. They worked  
> great until both blew out after a couple of years. I think I still have  
> them. "Tubesters" was another one I remember (which someone else already  
> mentioned).  
>  
> I have no idea where you would find them today. If you find out, please let  
> us know.  
>  
> 73,  
> Dave K8TRF  
>  
> ----- Original Message -----  
> From: John Nall <nally@talstar.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Sent: Friday, May 12, 2000 5:13 PM  
> Subject: Solid state tubes -- an urban myth??  
>  
> > Greetings and salutations to all the honorable members. Being faced with  
> > the challenging task of restoring a piece of tube gear (test gear -- not  
> > radio)  
> > I seem to recall that I heard somewhere, sometime, from someone, that one  
> > could obtain solid state plug-in replacements for certain tubes. That  
> is,  
> > take  
> > the tube out, plug the solid state "tube" in and take off like a goose.

> > The word  
> > was that it involved something like a regular tube base, with an FET (or  
> > whatever)  
> > wired on top. Looked strange, I presume, but worked.  
> >  
> > Is this another urban myth? Or do such beasties really exist?  
> >  
> > John WB4LOQ (Color me curious)  
> >

-----  
Date: Fri, 12 May 2000 20:27:58 EDT  
From: K2UD@aol.com  
To: nally@talstar.com  
Cc: qrp-1@lehigh.edu  
Subject: [70068] Re: Solid state tubes -- an urban myth??  
Message-ID: <f.3baabc6.264dfb8e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

They were called Tubesters, and I recall them being available for Collins gear. Perhaps others too. Yes, plugged right in. Can't vouch for their performance, never owned gear that they could go into at the time. I do now!

72

Howard Kraus, K2UD

-----  
Date: Fri, 12 May 2000 20:41:28 -0400  
From: "Robert Roach" <ke4qok@worldnet.att.net>  
To: <dafouchey@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [70069] Re: Phone Company Removes endfed (Another Thought)  
Message-ID: <007001bfbc73\$faf3b600\$0fa26520@ke4qok>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The safety factor is more than enough of a reason to keep everything off of utility poles but here is another reason for those with different priorities. It has also occurred to me that there could be a financial liability here. The phone company for sure and probably all utilities are very picky about their grounding, lightning protection, and surge dissipation paths.

Now suppose lightning strikes the overhead phone line, damages the phone line and appliances in several home and then the surge exits the system via your end fed antenna. Now you may be truly liable because you interfered with their protection system. But let's give the benefit of the doubt and say that technically you are innocent.

Now comes the kicker. Your neighbors and the utility all have damage and there is (in their eyes) the "smoking wire" of guilt laying across your yard, so they all decide to sue in civil court for damages. If you try to defend yourself you will lose and it will cost you a bundle. (It ain't right but it will happen) The only other choice is to pay a lawyer and at least one expert on lightning and surge protection to try and convince the court that you did not contribute in any way to the damage.

If you win. it's your lucky day it will only cost you a bundle (same as losing above). If you lose here then you will need two bundles.

It would be much cheaper to buy a tower. Even if lightning hits the tower and you have to buy another one, you're probably still ahead.

Bob  
KE4QOK

----- Original Message -----

From: david fouchey <dafouchey@home.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Friday, May 12, 2000 5:28 PM  
Subject: Re: Phone Company Removes endfed

> AMEN BROTHER! You never forget the first time you cut out and hug the  
> pole...was pulling 6 inch long creosote slivers out of my chest for a  
> week. Please guys this is not funny, some one can get hurt very badly  
> very quickly from such foreign attachments. Did I mention I hate nails?  
>  
> Dave WA4EMR/8

-----  
Date: Fri, 12 May 2000 19:38:33 -0500  
From: George F Franklin <w0av@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [70070] Ref: Transistor to Key Command TX  
Message-ID: <20000512.193834.-11973.0.w0av@juno.com>  
MIME-Version: 1.0

Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hello Gurus,

I have rejuvenated a 40M WW2 command TX and wish to use it for QRP work. It sounds good at 5W, running from about 225VDC.

Now I need to find a PNP transistor suitable for keying the PA cathodes to ground. The keyed current would be about 40 Ma.

Yep, I could use a relay but really prefer to use a transistor. Yep, it is sacrilege to use a transistor to key a tube rig; sorry about that.

Any suggestions out there? TIA.

72/73/74 de George/W0AV  
SOC#101 K2 SN 550

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 12 May 2000 17:44:33 -0700  
From: Brian Chesire <BCChesire@worldnet.att.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70071] Re: Solid state tubes -- an urban myth??  
Message-ID: <391CA571.238DEC44@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I remember both the Drake replacements and the Collins S-Line, Tubesters. Also "Ham Radio" mag ran several good articles on solidstating portions of the Drake Line. Right after the first FET's were on the market at reasonable prices, they were used as casocdes to replace the front end pentodes in Motorola tube type FM rigs. HT23 series, that would have been about 1968 or thereabouts. There were many articles on solid state tube replacements for Ham gear, in HR, 73, QST and even CQ. At one time; I tried to find them all and was going to solid state my Drake.

73's  
Brian WA5PP0  
Tucson, AZ



-----  
Date: Fri, 12 May 2000 20:07:04 -0500  
From: Lee Bahr <w5drc@earthlink.net>  
To: w6toy@erols.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70072] Re: HQ170 Alignment  
Message-ID: <391CAAB8.7ACB46ED@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If you align each circuit for a peak in a HQ-170 you will hear WWV at 10 Mhz , 20db over S-9, using a paper clip for an antenna! However, the ends of each band will be dead! You must stagger tune this beast as outlined in the manual. The manual gives you a wealth of info on how to do this.  
Lee Bahr w0vt

Bruce Muscolino wrote:

> Sorry this just surfaced from my old brain. I have been told by various  
> experts on the boatacnhors lists that the IF circiutry of the HQ170 and  
> HQ180 is particualrly sensitive to alignment. I have never had the  
> occasion to try and do an alignment on my HQ170, but I would suggest  
> that you very carefully look into this before you start anything!  
>  
> 73

-----  
Date: Fri, 12 May 2000 21:06:29 -0400 (EDT)  
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>  
To: Robert Roach <ke4qok@worldnet.att.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70073] Re: Phone Company Removes endfed (Another Thought)  
Message-ID: <Pine.BSI.4.05L.10005122103180.2951-1000000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 12 May 2000, Robert Roach wrote:

> If you win. it's your lucky day it will only cost you a bundle (same as  
> losing above). If you lose here then you will need two bundle.

You have a very good point...but, since I'm unemployed and am judgement-proof(happens when you go out of business and loose everything, house, car, tools), you develop myopia.

But, I'm busily working on something to keep in the back yard...as small as it is, then the pole is no longer an issue.

../  
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

<http://www.baltimoremd.com/> Baltimore's Home Page  
<http://www.baltimorehon.com> Home of the Baltimore Lexicon  
<http://www.min.net/~thom/> Home of the Drake Mailing List

-----  
Date: Fri, 12 May 2000 21:39:22 -0400  
From: john@neknetwork.com  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70074] loop is up!  
Message-ID: <391CB24A.D152FBA6@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello again!

Thank you to everyone who responded with hints and suggestions for putting up my loop antenna. It's installed and working fine.

I ended up adding at least another 50 feet of wire to the antenna. As someone on the list mentioned, it doesn't matter one bit when it's tuned. I originally cut 143 feet of wire but the spot I installed it (not the original planned spot of course) turned out to be much larger so I figured what the heck. The corners are laid out like so;

15 feet - feedpoint  
+-----+23 feet  
|  
|  
|  
|  
|  
|  
|  
|  
|  
|

+-----+55 feet  
35 feet

And no, it's not perfectly square. I used a new "treeing device" this time - a hockey puck!

So how does it perform? Well, it tunes flat on 80, 40, 20, 15 and 10 (older rig, none of the "new" bands on it, although it does have 160 and no it doesn't tune on 160). My other antenna is a dipole (be a great bumper sticker eh?), and the loops hears about 2 S units stronger. Just now on 40m there were numerous sigs +20 and more and I've \*never\* seen that on this radio. I haven't had a chance to transmit into it yet, I hope to later this evening.

So thanks again to all for the suggestions and tips, VERY much appreciated. 73,

John, KB1ENS

--

John Wagner - john@neknetwork.com

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Date: Fri, 12 May 2000 19:41:58 -0600 (MDT)

From: "John Kirk, VE6XT" <jakirk@calcna.ab.ca>

To: qrp-l@lehigh.edu

Subject: [70075] Danny

Message-ID: <Pine.A41.4.05.10005121938480.20144-1000000@srv1.calcna.ab.ca>

Mime-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Danny is liquidating a lot of his inventory on ebay - search sellers under "twistwinkle" to see what he is flogging. Looks like some excellent buys to be had on crystals, dual gate mosfets and MAR MMIC's, to name a few. Sure hope this isn't the beginning of the end!

72

John

-----

Date: Fri, 12 May 2000 21:55:48 -0400

From: David Hinerman <dlh1009@ritvax.isc.rit.edu>

To: qrp-1@lehigh.edu  
Subject: [70076] thanks folks!  
Message-ID: <3.0.6.32.20000512215548.00794920@vmsspop.rit.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Everybody:

Thanks for the info on the transistor radio variable caps - I'll let you know how they work out!

And if you smell polyethylene burning, you'll know before then...

Dave

-----  
Date: Fri, 12 May 2000 19:16:05 PDT  
From: "Michael Herman" <kc9nf@hotmail.com>  
To: qrp-1@Lehigh.EDU, tentec@contesting.com  
Subject: [70077] 4/15/00 fcc test credit  
Message-ID: <20000513021605.99512.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

HELP!!! Has anyone gotten their up grade acknowledgment from the FCC on qrz yet ??? Mike

-----  
Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

-----  
Date: Fri, 12 May 2000 22:21:06 -0400  
From: "Tom" <tmccullo@suffolk.lib.ny.us>  
To: <tmccullo@suffolk.lib.ny.us>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [70078] Elmer 101: Thanks to all who helped  
Message-ID: <005901bfb81\$e622b2e0\$d76e8bd1@tmccullo>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-7"  
Content-Transfer-Encoding: 7bit

Hi All,

Just about a month ago I posted to this list that I had finished the SW+40 using the Elmer 101 notes which were posted here a while back. I had mentioned that I was having trouble with the transmitter's output and asked if anybody had any suggestions. It seemed I was losing quite a bit of power through the pi network. The response I received to my question was most gratifying and I'd like to thank those who took the time to help. Paul, NA5N and Lew K5LEM, explained how to calculate power based upon the voltage reading on the scope and this was very informative. Dan KB1RT, who I corralled through the ARRL Elmer program, has also been great in helping me understand the use of the scope and other basics.

Glen, VE3DNL was most gracious and patient in his helping me trace the transmitter signal through the rig to the antenna. This was no easy task for Glen, dealing with a guy who has a lot to learn. Glen not only demonstrated his remarkable understanding of electronics, which those on this list already know, but also a true caring and a want to help. Glen immediately recognized my ability level (not very high) and geared his comments and suggestions to me at that level. Through almost daily e-mails, over the past month, I never felt that I was be spoken to in a condescending manner, but rather his encouragement and ideas were reassuring and helpful.

I'm sure I learned more about the workings of a rig through this experience than I had ever dreamed that I would. It goes without saying that the members of this list are knowledgeable and helpful, I'd just like to add that we have a real asset here and to publicly say thanks to Glen, Dan and the others for their help.

Tom Mc Culloch, WB2QDG

-----  
Date: Fri, 12 May 2000 20:21:38 -0600  
From: jaywa5whn@juno.com  
To: qrp-1@lehigh.edu  
Subject: [70079] OT: Los Alamos Wall of Fire {long}  
Message-ID: <20000512.202139.-952087.0.jaywa5whn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

You have less than 30 minutes to load a vehicle, what would you take with you?

I had heard KK5YY {Jerry} call on the 145.19 repeater {Pajarito Mountain} on Tuesday morning, advising of an immediate evacuation of Los Alamos.

{it seems like a week already}. Immediately, W5PDO {Los Alamos EOC} was activated.

Just to give you an idea of the day prior to the evacuation, there was a continuous low frequency rumble from the engines of low slow slurry bomber after slurry bomber flying north towards Los Alamos from Kirtland AFB in Albuquerque. Most of the residents of Los Alamos were aware of what was coming, a wall of fire.

The slurry bombers could not fly due to the wind shear near the mountains from Tuesday to present.

The State EOC {Santa Fe} was activated by NG5S, plus a few others on site. Hams were spread out between the Hospital in Los Alamos to the Santa Fe EOC. All traffic was on VHF, 145.19 Mhz repeater, the 146.82 MHz repeater, 146.52 MHz simplex. H & W traffic was out of the question during the first 48 hours. However, there is a url set up. If you know the names of your friends & family, and they have registered at any one of the Red Cross shelters, they will be listed with status & contact information. I don't remember the exact url, but if you view the following, it's listed.

<http://www.kobtv.com/>

<http://www.abqjournal.com/>

Since there were no fatalities, H & W was given the lowest priority.

PNM had shut off the natural gas lines to the city of Los Alamos. Power poles were burning.

The NM National Guard was activated. In the first 8 hours of the evacuation, telephone lines were overloaded, cell phone sites were marginal. Everyone was trying to call everyone else. Prefixes beginning with 667, 662, 455, 476, et al were gone in area code 505 due to not enough bandwidth. The fast busy signal was your answer if you had tried to call into Los Alamos County.

The local TV Stations {KRQE, KOAT, KOB} & 2 radio stations are to be applauded for doing an excellent job of getting the fire information out to the public. They had stayed on the air the entire time, with no interruptions except for station id. One of the hams is a helo pilot for KRQE.

The Cities of Taos, Santa Fe, Angel Fire & Pojoaque {pronounced Po-wock-ee} had set up shelters .

If any of you have ever driven the road from Pojoaque to Los Alamos, on SR 502, it consists of 4 lanes at the bottom & 2 lanes at the top with

narrow sharp turns overlooking several cliffs. There were no fatalities. Everyone had exited in an orderly fashion, except for 1 fender bender. In the first 4 hours, over 15,000 people were evacuated.

The Santa Clara pueblo is home to the US Forest Service "Hot Shots". This unit consists of smoke jumpers & line fire fighters in the employ of the US Forest Service. The Santa Clara pueblo is less than 20 miles east of Los Alamos. Every one of the "Hot Shots" fire fighters had driven to the hill {Los Alamos} to help. They had just arrived home from other fires.

Firefighters from the Forest Fire, just south of Ruidoso, NM had diverted to Los Alamos. That's nearly a one way 300 miles trip. They were dog tired.

If there ever was a curse on the State of New Mexico, it's the wind.

Remember the 145.19 repeater on Pajarito Mountain? I will be darned if I know why and maybe KB5RX can explain it to me, but the fire had over run the facility, and the repeater is still working. Amazing.

The evacuation of White Rock was really eerie. It was dark, and all you could see up the hill was a line of headlights heading west on SR 502 from White Rock to Pojoaque. When I had heard the call on .19 to evacuate White Rock, I knew the City of Los Alamos was not going to survive the Wall of Fire.

The City of Los Alamos {7,000 ft. asl} is line of site to most of Albuquerque. The distance is approximately 75 miles as the crow flies. VHF communications was the best choice. There was some HF traffic on 3,939 KHz, but it was immediately shifted to the 145.19 repeater.

The supply collection sites were assembled within a few hours, there was a convoy of trucks heading north loaded with water, baby supplies, toiletries, dog & cat food, etc. from Albuquerque. Fed-X, UPS, plus a few other large capacity long haul commercial companies' trucks were being loaded. Intel in Rio Rancho had set up a collection site, and truck after truck was being loaded. Intel had immediately donated \$100K to the local Red Cross to help with the fire victims. Company after company were doing the very same thing, without reservation. The public had responded within a few hours. The Red Cross, The Cities of Gold Casino, the National Guard Armory, the University of New Mexico had set up shelters. Horse trailers were towed to a site just below the hill {Los Alamos} to recover any stranded horses or cattle. Motels & Hotels were setting aside rooms at reduced rates, and others had blocks of rooms for the fire victims, at no cost. Animal shelters from Taos to Albuquerque were taking in pets from the burned out areas. Surrounding Cities had dispatched fire crews & tankers to assist the City of Los Alamos, again, without hesitation. The perimeter was surrounded with fire fighters & their gear. What they

carried on their back was what they faced the "Wall of Fire" with.

A call had gone out for hams equipped with APRS. They would be the spotters. Their job was to watch for hot embers flying over head.

The smoke was so thick, you could not see the City. Soot was dropping out of the air like sand pebbles. When you could see the fire, it was white or a slight brownish color to it. You knew when it hit the houses, because the flames would brighten & you would see dark black smoke.

The best comment overheard on the .19 repeater, "Is there anything more we can do for you?" The response was "Yes, send an ocean & we could use some sleep."

Los Alamos is nestled on the east slope of an old Volcano called the Valle Grande, surrounded by tall ponderosa pines, junipers & spruces. That City no longer exists.

We used to watch the people in North Carolina or Florida after a hurricane wondering how they could survive walls of water, or the people in Quebec who suffered for months through an ice storm with no power. Now we know.

The statistics speak for themselves;

1. No fatalities
2. over 20,000 acres burned
3. Over 1/2 of the City of Los Alamos is gone {over 400+ homes}
4. Over 18,000 people were evacuated & accounted for
5. one fender bender on SR 502
6. over 3,000 fire fighters were on site
7. over 45,000 lbs of supplies were on site in less than 24 hours.  
{mostly drinking water}
8. over 40 Hams were directly involved within 4 hours {Some of them have not left their stations for over 72 hours now}
9. It's not over yet.

Relief operators have been heading north from Albuquerque 3 or 4 at a time, checking in on the .19 repeater & receiving their assignments. The same holds true for the operators from Taos, and the surrounding areas. Everyone is packing their own gear because you don't know where you will be assigned & what will be needed.

There are currently 4 major forest fires in New Mexico. Various communities are being evacuated {Sapillo, communities north of Las Vegas, NM, Sacramento, Weed, plus others down in southern NM just south of Cloudcroft}. All have hams involved.



So you don't get the wrong impression, I was an observer, I was listening & could see the line of headlights coming down SR 502 & the line of fire, plus the smoke. Everything else was described to the rest of us on the VHF ham frequencies. I did not know about the TV & radio coverage until I had returned home.

...Jay, WA5WHN in windy,

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<http://dl.www.juno.com/get/tagj>.

From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>

Subject: [70080] tilted loop

MIME-Version: 1.0

The antenna saga continues. I'm going to try a loop...one side along the edge of the house(12 feet more or less)20 feet high, the opposite side along the top of my fence, which is about 7 foot off the ground...which means the other two sides should be approx. 11 long.

thom

baltimoremd@baltimoremd.com

Baltimore's Home Page

Home of the Baltimore Lexicon

Home of the Drake Mailing List

-----  
Date: Fri, 12 May 2000 19:43:13 -0700  
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [70081] Hardware  
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430997FED5@blaze.bcsc.GOV.BC.CA>  
Content-return: allowed  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

This may sound a bit strange but I am in need of 4 small 2-56 NF nuts. I scrounged a tiny meter for my SWR/Power meter project but it is missing the nuts that hold it in its mounting hole. I have searched high and low locally and can't find anything that small (all the logging supply shops just laughed at me). If anyone has four they can spare I would sure like to get them.

Doug VA7DD

-----  
Date: Fri, 12 May 2000 22:43:57 EDT  
From: Rremmel@aol.com  
To: qrp-1@lehigh.edu  
Subject: [70082] Re:Gutters as radials??  
Message-ID: <14.37f12f7.264e1b6d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Greetings qrp-1,  
I am thinking about mounting a simple 1/4 wave vertical on my house and was wondering if the aluminum gutter could be utilized as a radial element. I also considered just running a length of insulated wire laying in the gutter as a substitute, though I'm not sure if the gutter would add or subtract from the wires effectiveness.  
Any thoughts?  
Raymond Remmel  
AC5QV

-----  
Date: Fri, 12 May 2000 23:04:56 -0400

From: S LYON <sslyon@worldnet.att.net>  
To: john@neknetwork.com, chat qrp <qrp-1@Lehigh.EDU>  
Subject: [70083] Re: Loop!  
Message-ID: <391CC658.380D0E5F@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John, do yourself a BIG favor:

- 1.) Don't worry about the length of the loop; go for MAX. ENCLOSED AREA above one w.l. at lowest accommodated band.
- 2.) The ladderline is a good idea. I've used the MFJ VERY successfully with loops & ladderline.
- 3.) In all cases, higher, bigger, and rounder loops rule!!

let us know how you do!

72  
=s=

john@neknetwork.com wrote:

>  
> Folks, tomorrow I'm going to attempt to put up a loop to replace my too  
> close the house and too close the ground 40m dipole I hustled together  
> this winter. I've been hot for a loop all winter, but the 5 feet of snow  
--

'Seab' Lyon - AA1MY  
Beacon NY USA FN-31  
QRP-L 574 ARCI 9253

-----  
Date: Fri, 12 May 2000 23:07:56 -0400  
From: Al Patrick <arp@inet4u.com>  
To: kc9nf@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [70084] Re: 4/15/00 fcc test credit  
Message-ID: <391CC70C.505350F7@inet4u.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Michael Herman wrote:

> HELP!!! Has anyone gotten their up grade acknowledgment from the FCC on  
> qrz yet ??? Mike  
> -----

> Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Think I read some where that they are taking AT LEAST 30 days. They had a BIG rush to upgrade and got behind.

--

"The Truth is Hate, to Those Who Hate the Truth"  
Do what's right. You'll please OR AMAZE everyone!

-----  
Date: Fri, 12 May 2000 23:40:51 -0400  
From: S LYON <sslyon@worldnet.att.net>  
To: "Paul Helbert, Wv3j" <phelbert@rica.net>  
Cc: chat qrp <qrp-1@Lehigh.EDU>  
Subject: [70085] Re: scott sled  
Message-ID: <391CCEC3.12D31082@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings, Paul

Ah yesssss... I remember it well. It was a real kick launching that thing at ATLANTICON and thrashing Europe with the 20m vertical E.D.Z. an K2! Attached is an EXCEL sketch w/comments, of the configuration. I hope this helps. Recent experiments indicate a sloping arrangement may be a real killer antenna, with "ROTATABLE" features you can exploit to appreciable advantage.

I haven't got the sketch done, but picture the anchor point moved out so that the doublet is at an angle between 30 - 45 deg., with the feed leaving it at as close to 90 deg. as you can manage. This will provide all the advantages of horizontal polarization with adjustable t/o angle and direction. It should be a natural for field and DX-PEDITIONS -for all bands, given the proper length.

Sri -won't be at Dayton.

More later

72

=s=

"Paul Helbert, Wv3j" wrote:

>

> Seab,

>

> I met you at Atlanticon '99 at Baltimore when you made and flew a scott  
> sled.  
>  
> I read the April 2000 QST article and have now obtained Tyvek and  
> spars. I do not understand the attachment of the antenna to the kite  
> line nor the way you get the feedpoint away at an angle from the  
> vertical dipole. Could you please elaborate?  
>  
> Will you be at Dayton?  
>  
> Thanks,  
>  
> Paul, Wv3j

--

'Seab' Lyon - AA1MY  
Beacon NY USA FN-31  
QRP-L 574 ARCI 9253

-----  
Date: Fri, 12 May 2000 23:37:09 -0400  
From: "Thaire Bryant" <tbry37@ici.net>  
To: "QRP-L" <QRP-L@lehigh.edu>  
Subject: [70086] FDIM tickets  
Message-ID: <200005130345.XAA14516@bajor.ici.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Sri, tickets are gone.

Thaire W2APF

-----  
Date: Fri, 12 May 2000 21:03:35 -0700  
From: Patrick Armstrong <aa7fg@gte.net>  
To: qrp-l@Lehigh.EDU  
Subject: [70087] Sell/Trade: Bencher chrome key  
Message-ID: <391CD417.1B3B0B35@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have a Bencher model RC-2 chrome straight key "new in the box" I would like to trade for QRP gear or sell outright. What you got? Thanks for

the interest...

Pat, AA7FG - Oregon...

-----  
Date: Fri, 12 May 2000 22:17:38 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: kc9nf@hotmail.com  
Subject: [70088] Re: 4/15/00 fcc test credit  
Message-ID: <391CD762.9E202B@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

>From today's ARRL Letters (<http://www.arrl.org/news/index.html>)  
and broadcast:

"Jahnke says the ARRL-VEC has caught up with the paperwork backlog from pre-April 15 test sessions. The ARRL-VEC served nearly 35,800 applicants between January 1 and April 14. It continues to deal with the nearly 16,000 applications logged in from April 15 through April 25. Jahnke points out that while VE teams have 10 days to ship session paperwork, transit times can be as long as a week.

Once keyed in and sent on electronically to the FCC, most applications are granted overnight. Jahnke says the care ARRL-VEC takes in checking VE session paperwork and applications for 'completeness, accuracy and integrity' pays off in avoiding problems down the road.

Statistics to date suggest a total of more than 13,000 new Generals and more than 10,000 new Extra class hams as a result of restructuring."

On the letters page, they request that neither of the VEC's nor FCC be called due the massive amount of papers being worked and the calls will slow the process - patience is the word of the month, I guess.

73

Ray

--

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

-----  
NetZero - Defenders of the Free World  
Click here for FREE Internet Access and Email  
<http://www.netzero.net/download/index.html>  
-----

Date: Fri, 12 May 2000 22:49:13 -0600  
From: jaywa5whn@juno.com  
To: qrp-1@lehigh.edu  
Subject: [70089] RE: OT Los Alamos Wall of Fire (long)  
Message-ID: <20000512.224918.-998461.1.jaywa5whn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

If you want to locate specific people, you can do it from the internet.  
Since there are 4 major forest fires, the H & W traffic is being funneled  
through the Red Cross.

<http://www.cbssouthwest.com/>

Scroll down to locating fire victims.

72...Jay, WA5WHN

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.  
-----

Date: Sat, 13 May 2000 00:15:04 -0400  
From: Bob Kellogg <ae4ic@nr.infi.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, KLQRP <KLQRP@VRAMP.NET>  
Subject: [70090] SMiTe: Hunt begins Sunday!!!  
Message-ID: <391CD6C8.77C6536E@nr.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Guys,

The Nationwide Smite hunt will begin this Sunday evening, May 14.  
(0130 UTC, Monday morning) The hunting frequency will be 3.6864 or a  
little above. (The SMiTes tend to tune a little high)

The SMiTes to Hunt for will be Michael, K04WX.

Then SMiTes will appear each Sunday evening at the same time through  
the middle of August. A complete schedule will be announced in a few  
days.

--

73,  
Bob Kellogg, AE4IC, Greensboro, NC  
Probably, not nececelery. - Benny Hill

-----  
Date: Sat, 13 May 2000 00:01:33 -0500  
From: Dave Sjolín <sjolin@swbell.net>  
To: Rremmel@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70091] Re: Gutters as radials??  
Message-ID: <391CE1AC.8432B888@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Rremmel@aol.com wrote:

>  
> Greetings qrp-1,  
> I am thinking about mounting a simple 1/4 wave vertical on my house and was  
> wondering if the aluminum gutter could be utilized as a radial element.  
> I also considered just running a length of insulated wire laying in the  
> gutter as a substitute, though I'm not sure if the gutter would add or  
> subtract from the wires effectiveness.  
> Any thoughts?  
> Raymond Remmel  
> AC5QV

Raymond, when you elevate a vertical above ground, the radials need to  
be cut to resonant lengths (i.e. quarter wave length). Its unlikely that  
your gutters would fit this requirement.

73 de Dave, N0IT

-----



Date: Sat, 13 May 2000 00:33:26 -0500  
From: Lee Bahr <w5drc@earthlink.net>  
To: arp@inet4u.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70092] Re: 4/15/00 fcc test credit  
Message-ID: <391CE925.66A1A75B@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am an ARRL VE. The ARRL, W5YI, and the FCC are swamped as well as the other VEs. The ARRL has hired some temporary help to clean up the backlog and is working overtime and weekends. Also, your VE team had 10 days to mail in their paperwork, but I would suspect they handled it in a time frame shorter than this. The ARRL has received over 35,800 applications since Jan. 1, 2000. They have received over 16,000 applications since April 15th. It looks like there will be around 13,000 General upgrades and around 10,000 Extra upgrades due to the restructuring just within the ARRL VE teams. Once the FCC gets the paperwork from the VE electronically, they will most probably issue the license within one day. You are urged not to contact the FCC or your VE team regarding this matter at this time. All efforts are being made to expedite the paperwork. You are urged to be patient and understanding. As a reminder, you are NOT ALLOWED to request an upgrade vanity call sign until such time as your upgrade license is issued. I hope this helps understand the scope of the situation. Congratulations.  
Lee Bahr w0vt Houston

Al Patrick wrote:

> Michael Herman wrote:  
>  
> > HELP!!! Has anyone gotten their up grade acknowledgment from the FCC on  
> > qrz yet ??? Mike  
> > -----  
> > Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>  
>  
> Think I read some where that they are taking AT LEAST 30 days. They had a BIG  
> rush to upgrade and got behind.  
>  
> --  
> "The Truth is Hate, to Those Who Hate the Truth"  
> Do what's right. You'll please OR AMAZE everyone!

-----

Date: Tue, 11 Apr 2000 22:32:39 -0700  
From: "Dave Gw" <kjg@cmc.net>  
To: <BCCheshire@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [70093] Re: Solid state tubes -- an urban myth??  
Message-ID: <007201bfa440\$86269180\$501c66ce@gow>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have tubesters for sale on e-bay if interested. Dave

-----Original Message-----

From: Brian Cheshire <BCCheshire@worldnet.att.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Friday, May 12, 2000 5:52 PM  
Subject: Re: Solid state tubes -- an urban myth??

>I remember both the Drake replacements and the Collins S-Line,Tubesters.  
>Also "Ham Radio" mag ran several good articles on solidstating portions  
>of the Drake Line. Right after the first FET's were on the market at  
>reasonable prices, they were used as casocdes to replace the front end  
>pentodes in Motorola tube type FM rigs. HT23 series, that would have  
>been about 1968 or thereabouts. There were many articles on solid state  
>tube replacements for Ham gear, in HR, 73, QST and even CQ. At one time;  
>I tried to find them all and was going to solid state my Drake.  
>73's  
>Brian WA5PP0  
>Tucson, AZ

-----  
Date: Sat, 13 May 2000 09:56:57 +0100  
From: "Tony Fishpool" <g4wif@btinternet.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [70094] S & S Engineering  
Message-ID: <00dc01bfbcb9\$33dc23e0\$445401d5@p200>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I'm overhauling the links page on the GQRP website and S & S seem to have gone AWOL. A web search only picked up the old URL  
<http://www.xmetric.com/sseng/> Anyone have an idea where they've gone?

72/3

Tony - G4WIF  
www.gqrp.com

-----  
Date: Sat, 13 May 2000 10:13:07 +0100  
From: "Tony Fishpool" <g4wif@btinternet.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [70095] Solid state tubes -- an urban myth??  
Message-ID: <00f901bfbcb\$7faccac0\$445401d5@p200>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I remember an article in Practical Wireless calling them Fetrons in the UK.  
ECC83 (12AT7?) equivalents were mentioned.

72  
Tony - G4WIF/K4WIF

-----  
Date: Sat, 13 May 2000 05:24:25 EDT  
From: Wa3ptg@aol.com  
To: jakirk@calcna.ab.ca, qrp-1@lehigh.edu  
Subject: [70096] Re: Danny  
Message-ID: <96.4bd4837.264e7949@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

He's buying too. I think he's unloading stuff that doesn't move very fast.

-----  
Date: Sat, 13 May 2000 06:00:57 -0400  
From: "Jerry Henshaw" <jhenshaw@bellsouth.net>  
To: "QRP-L Post" <qrp-1@Lehigh.EDU>  
Subject: [70097] SMD Pick "N" Place Device  
Message-ID: <001501bfbcc2\$248a8b80\$8bdc4dd8@bellsouth.net>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

Its all Doug Hendricks' fault --- this SMD thing!!  
I have a cheap solution for picking and placing  
SMD parts. I went to Wal-Mart and bought  
an infant nasal aspirator (rubber bulb suction  
device) --- you getting the picture?

I also went to the pet section and bought  
"Aqua Culture" 6' Mini Airline Tubing with  
4 connectors. The four connectors were  
what I was looking for. The little plastic  
coupler fits perfectly into the nozzle of the  
aspirator.

I filed the little plastic nozzle flat and true  
to make sure you have a smooth end.  
I dipped the nozzle into a little cooking  
oil and squeezed the bulb -- it picks up  
SMD parts like a charm!!!! Sure beats  
tweezers etc. shooting parts all over the  
place.

Of course, you could use a small electric  
suction pump to provide a constant vacuum,  
but this approach works pretty good and it  
is QRP friendly in that it requires no electrical  
current whatsoever.

Use my hold down jig and this Pick 'N' Place  
SMD Sucker and you are ready to tackle any  
SMD project.

See you all next week at FDIM,

Jerry  
KR5L

-----

Date: Sat, 13 May 2000 07:15:17 -0400  
From: "Richard Brummer, K2JQ" <obvious@bestweb.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [70098] Re: 4/15/00 fcc test credit  
Message-ID: <001a01bfbccc\$853d4a80\$7e01b3d8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a friend who attended the ARRL "paperwork only" VE session on April 15. His upgrade showed up with an effective date of May 11.

That should give a rough idea of the status of the processing at this time.

73,  
Dick K2JQ  
Mahopac, NY

-----  
Date: Sat, 13 May 2000 08:15:33 -0700  
From: paul taylor <ptay1@miro.bestweb.net>  
To: g4wif@btinternet.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [70099] Re: S & S Engineering  
Message-ID: <3.0.32.20000513081441.0069d000@pop.bestweb.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

S&S engineering is at n2sad@aol.com

>

-----  
Date: Sat, 13 May 2000 08:25:58 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [70100] K0EVZ = KC80C0/0 during FISTS Sprint  
Message-ID: <200005130827\_MC2-A4C7-D898@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
        charset=us-ascii  
Content-Disposition: inline

Gang:

FYI, I will be using the Flying Pigs club call KC80C0 today. This also puts ND on the air, for those who need ND. I will be signing KC80C0/0 during the contest. Here's hoping everyone can drop by during the event, which runs from 1700Z-2100Z.

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail = K0EVZ@arrl.net

-----  
Date: Sat, 13 May 2000 08:28:43 -0400  
From: "John Nally" <nally@talstar.com>  
To: <kc9nf@hotmail.com>  
Cc: <qrp-l@lehigh.edu>  
Subject: [70101] Re: 4/15/00 fcc test credit  
Message-ID: <001701bfbcd6\$dd54ab00\$89affea9@r6g4f3>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> HELP!!! Has anyone gotten their up grade acknowledgment from the FCC  
on  
> qrz yet ??? Mike

Not I, at any rate. My understanding is that they are completely, utterly,  
and  
unbelievably overwhelmed! It is a surprise to me that they are surprised.  
:-)

John WB4LOQ

-----  
Date: Sat, 13 May 2000 08:41:32 -0400  
From: "Dieter \ (Diz\ ) Gentzow W8DIZ" <w8diz@cinci.rr.com>  
To: "QRP-L" <qrp-l@lehigh.edu>

Subject: [70102] Re: 4/15/00 fcc test credit  
Message-ID: <00ab01bfbcd8\$913ff970\$1461a518@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I took my 20 wpm & Bb on April 1st and still NOTHING.

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W  
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493  
<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

----- Original Message -----

From: "Richard Brummer, K2JQ" <obvious@bestweb.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Saturday, May 13, 2000 7:15 AM  
Subject: Re: 4/15/00 fcc test credit

> I have a friend who attended the ARRL "paperwork only" VE session on April  
> 15. His upgrade showed up with an effective date of May 11.  
>  
> That should give a rough idea of the status of the processing at this  
time.  
>  
> 73,  
> Dick K2JQ  
> Mahopac, NY  
>  
>

-----  
Date: Sat, 13 May 2000 08:43:51 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-1@lehigh.edu  
Subject: [70103] Re: SMD Pick "N" Place Device  
Message-ID: <3.0.6.32.20000513084351.00798100@vmsspop.rit.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 06:00 AM 5/13/00 -0400, you wrote:  
>Its all Doug Hendricks' fault --- this SMD thing!!  
>I have a cheap solution for picking and placing  
>SMD parts. I went to Wal-Mart and bought

>an infant nasal aspirator (rubber bulb suction  
>device) --- you getting the picture?

Jerry,

That's basically what the simple "vacuum tweezer" used in SMD assembly consists of  
- a rubber bladder inside a metal pen body (about the size of a small solder  
sucker). A button on the outside compresses the bladder, then releasing causes it  
to suck. The tip is an angled metal tube, like a fat hypodermic needle, with a  
rubber tip. More elaborate systems use a vacuum pump with a switch.

I was going to try just some plastic tubing and an eyedropper tip, and provide the  
suction by mouth. (No comments from the audience, please. (Grin))

Thank for the suggestion!

Dave

-----  
Date: Sat, 13 May 2000 09:07:01 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <kc9nf@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [70104] Re: 4/15/00 fcc test credit  
Message-ID: <009201bfbcddc\$453cc220\$9d2bfea9@dads-hp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

By about tuesday (April 18th) I heard the expected flood was  
so great not to expect a license return for 5 to 6 weeks.

And yes, some people have gotten theirs already. But  
remember, for every big pile, some are on the top, and  
some are on the bottom.

I wouldn't panic until the end of May.

Mike  
(I'm still waiting for mine)

>HELP!!! Has anyone gotten their up grade acknowledgment from the FCC  
on

>qrz yet ??? Mike

>-----



>Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>  
>  
>

-----  
Date: Sat, 13 May 2000 07:53:43 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: qrp-l@lehigh.edu  
Subject: [70105] Re: HELP: Hammerlund, Not a QRP receiver? It is now.  
Message-ID: <391D5E67.4E8DD38@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Regarding the Hammarlund HQ105-TR receiver-transmitter:  
I meant to say the transmitter section required the  
commercial license to adjust if used on the cb band  
- not the receiver. If it was used on 10 meters, not the  
case of course.  
Sorry for the incomplete statement.

--  
"The more I see of the representatives of the people, the more I  
admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

-----  
NetZero - Defenders of the Free World  
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<http://www.netzero.net/download/index.html>  
-----

Date: Sat, 13 May 2000 08:52:46 -0500  
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>  
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>  
Subject: [70106] Re: Solid state tubes -- an urban myth??  
Message-ID: <000501bfbce2\$865f8160\$d3365a3f@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

At the Arthur, IL, hamfest 2 weeks ago I saw this neat circuit.  
<http://www.indiana.net/~wd9eyb/artfest/neatcrkt.jpg>

The guy had a whole bucket of them for \$2.00 each.  
I didn't need one so I didn't buy one or get any information  
on them. But I did think it was a neat circuit so I took its picture.

Jim, WD9EYB

-----  
Date: Sat, 13 May 2000 10:05:42 -0400  
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>  
To: "'QRP Email List'" <qrp-l@lehigh.edu>  
Subject: [70107] Re: S & S Engineering  
Message-ID: <125490A005E3D3118C9C00805FC743CC02F3D6@mail.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

<http://www.sseng.com/>

A good place to look is always:

<http://www.arrl.org/tis/tisfind.html>

72, Michael, KC1SX

-----  
Date: Sat, 13 May 2000 06:59:26 -0700  
From: sigcom@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [70108] Re: 4/15/00 fcc test credit  
Message-ID: <20000513.065931.-425967.3.sigcom@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Al and group,

FWIW, I passed my Extra exam (elements 4B -and- 1C) on March 25 and the  
license was granted on April 19 but that was before the flood gates  
opened.

OB QRP: What is the experience of list members in using poly-varicon  
caps for VFO tuning on HF? Stable, not stable? No theorizing now, I'm  
looking for actual experience. Yes I know just about anything is better  
than a plastic variable but I'm going to try it anyway and your comments

would be interesting. If they work satisfactorily then junked AM transistor radios would make a cheap/free source of VFO caps (I wonder how many have been buried in landfills?).  
Otherwise they still work fine for small antenna tuners.

73.....Steve, WB6TNL  
The Scrounger

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 13 May 2000 11:05:08 -0400  
From: "Tim Cook" <timcook@erinet.com>  
To: "QRP" <qrp-1@lehigh.edu>  
Subject: [70109] FS/T: Audio Filters , K8FF paddles  
Message-ID: <016301bfbcec\$a16de1e0\$2d755acf@erinet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have 2 audio filters for sale.

Autek QF-1A SSB/CW/AM peak/notch/hp/lp dual notch built in ac supply looks and works great with manual \$30 shipped in the lower 48

MFJ 784 DSP Audio filter (the original, not the "B") looks and works good, with box and manual. Very good DSP unit. the "custom filter" indicator LED doesn't light, but the filters work fine. \$100 Shipped in the lower 48

K8FF Paddles for sale, assembled, painted base, some nicks in the paint, otherwise in good condition with the assembly instructions  
\$35 Shipped in lower 48

helps those rigs that have marginal filtering

please email direct if interested. I would consider trading for a 40m qrp rig..

73  
Tim  
NZ8J

-----  
Date: Sat, 13 May 2000 10:07:09 -0500  
From: n4so@juno.com  
To: qrp-1@Lehigh.edu  
Subject: [70110] Wallis and Futuna Islands  
Message-ID: <20000513.100709.-155929.28.N4S0@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

FW/G3SXW  
14.023 working split up 14.025  
1310z  
Not responding to 5 watts qrp so worked Roger  
at 100 watts. Will be there until May 23. Activity  
is CW only 80 thru 10 meters.

Ken Brown, N4S0  
Mobile, AL EM50tk  
NorCal-20 at 5 watts  
4 element yagi

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 13 May 2000 15:29:09 -0700  
From: KB7WW Art Moe <kb7ww@chatusa.com>  
To: n4so@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70111] Re: Wallis and Futuna Islands -- INFO  
Message-ID: <391DD735.91169FCA@chatusa.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have worked FW/G3TXF on 17 meters and FW/G3SXW on 10, both Q were  
QRP (5 watts) on this end to a non resonant dipole feed with balanced  
line.

Art  
KB7WW

n4so@juno.com wrote:

>  
> FW/G3SXW  
> 14.023 working split up 14.025  
> 1310z  
> Not responding to 5 watts qrp so worked Roger  
> at 100 watts. Will be there until May 23. Activity  
> is CW only 80 thru 10 meters.  
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> Ken Brown, N4SO  
> Mobile, AL EM50tk  
> NorCal-20 at 5 watts  
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>  
> -----  
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> <http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 13 May 2000 10:36:27 -0500  
From: n4so@juno.com  
To: qrp-1@Lehigh.edu  
Subject: [70112] S & S ENGINEERING//\*\*n3sad@aol.com  
Message-ID: <20000513.103627.-155929.32.N4SO@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

n3sad@aol.com  
<http://www.sseng.com/>  
Arc Series, QST review, TAC 1, FC-III (frequency counter)  
FC-II, PC1, FC-X

S & S Engineering  
14102 Brown Rd.  
Smithsburg, MD 21783  
tel 301 416 0661  
fax 301 416 0963

Ken Brown, N4SO  
Mobile, AL EM50tk  
NorCal-20 at 5 watts

4 element yagi

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 13 May 2000 10:41:49 -0500

From: "Cla KA0GKC" <ka0gkc@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [70113] Re: SMD Pick "N" Place Device

Message-ID: <068101bfbcf2\$055aaf80\$0200000a@mcg.net>

Hi Gang,

I think this suction pick and place idea is a good one. Here's an idea to try. I successfully modified an old aquarium pump I had to suck air instead of blow. It seems to generate enough vacuum to pick up SMDs. I haven't made a tip yet, but I'm thinking a piece of the smallest ID brass tubing available from the hobby shop with a little silicone glue on the end should do.

To mod the pump you need to take it apart and flip the two flap (reed) valves to the opposite sides and reassemble. Your mileage may vary if you come apart at all.

I haven't figured out how to get a nice smooth coating of silicone on the end of the small diameter tube yet. But I do know from my model airplane days that silicone glue doesn't stick to Saran wrap. Maybe a little piece of heatshrink tubing or some odd rubber part from the hobby shop??

Just food for thought.

----

73 de KA0GKC Claton Cadmus

ka0gkc@arrl.net

MNQRQ #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

-----  
Date: Sat, 13 May 2000 09:03:04 -0700

From: Roger Hightower <n7kt@worldnet.att.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [70114] Re: 4/15/00 fcc test credit  
Message-ID: <391D7CB8.CFC11464@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

You all \_did\_ receive a CSCE for your upgrade, right? Until you actually get the paper from the FCC, that document will work just fine.

--

72.....Roger

Roger Hightower, N7KT      Mesa, AZ   K2#591      SOC #14

-----

Date: Sat, 13 May 2000 11:07:22 -0500  
From: "Cla KA0GKC" <ka0gkc@arrl.net>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [70115] Ft. Tuthill info needed.  
Message-ID: <069f01bfbcf5\$554d4540\$0200000a@mcg.net>

Hi All,

I'm planning to attend the Ft. Tuthill QRP/Hamfest this year. I need some questions answered so I can arrange my travel plans from Minneapolis. The dates are Friday July 28th through Sunday the 30th. I'm planning on camping so I'll be with a small tent, backpack, and sleeping bag. So here are my questions.

1. What happened or where is the Arizona ScQRPions web site?
2. What is the schedule for QRP activities?
3. Do most of the QRP camping crowd show up Thursday night?
4. What time do most leave? Sunday afternoon? Anybody stay overnight until Monday AM?
5. Is America West the only Airline that flies into Flagstaff?

I plan to fly to Arizona, but the best airfare I can find on the Internet to Flagstaff is over \$500 and beyond my budget. If possible I'd like to fly into Phoenix, Las Vegas, or Albuquerque and catch a ride with someone driving to Ft. Tuhill. If your willing to volunteer to pick me up and drop me back at the airport, please contact me via private email so we can figure out a plan. Happy to share driving duties and expenses too.

I really need to get this setup in the next days to get the best airfare, so if you have the answers and can help with a lift please let me know ASAP.

Thanks much and 73 de KA0GKC Claton Cadmus  
ka0gkc@arrl.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

-----  
Date: Sat, 13 May 2000 09:25:52 -0700  
From: Jim Slouber <jslouber@highsierraelectronics.com>  
To: tjarey@home.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70116] Re: Proper measurement question  
Message-ID: <391D8210.CDF660DC@highsierraelectronics.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Skip, connect an amp meter directly across the output leads of the panel while it is pointed directly at the sun. This is the short circuit current. The output current while delivering current to a battery will be about 90% of that amount.

Weight the battery, assume 1 amp hour per pound. Also measure its volume and compare the weight and volume against a table of batteries in Mouser's catalog.

73 Jim Slouber KF6TIE.

T.J. "SKIP" Arey N2EI wrote:

> I have an interesting situation that may apply to other folks. I have  
> come into possession of a solar cell array and a gel cell of unknown  
> parentage. They are also unmarked. What is the best way to measure the  
> ampere/hour output of the solar cell AND the ampere/hour capacity of the  
> gel cell given no other information that the terminal markings. I expect  
> this is really not that hard but since I've never done it before I  
> figure I'd ask the group it's thoughts on the subject.

>

> ++++++

>

> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

>

> Website <http://members.home.net/tjarey>

>

> Snail Mail: PO Box 236, Beverly, NJ 08010

>

> Specialization is for insects! LAZARUS LONG



-----  
Date: Sat, 13 May 2000 12:24:03 -0400  
From: John AE5X <ae5x@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [70117] QRPTTF photos  
Message-ID: <20000513.122405.8134.0.ae5x@juno.com>

I'm slower than molasses but I finally have some pics of the contest on my page at:

<http://www.qsl.net/ae5x/qrp.ttf2k.html>

When's the next TTF?!

John Harper, AE5X  
Ex: AA5YX, KA5BBL, VQ9BL  
HW-9, OHR-100A/20, NC40A, SST/30, SST/40, DSW/20  
Outdoor QRP <http://www.qsl.net/ae5x>

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 13 May 2000 09:44:24 -0700 (PDT)  
From: wa4dou@excite.com  
To: qrp-1@lehigh.edu  
Subject: [70118] K-2 Delivery now up thru# 01268  
Message-ID: <7965784.958236264447.JavaMail.imal@chilly.excite.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For those of you following it. Mine arrived yesterday, only took 1-2 days from Calif. to N.C. 73 roy WA4DOU

-----  
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-----  
Date: Sat, 13 May 2000 10:57:38 -0600  
From: Bruce Kizerian <kizerian@ced.utah.edu>  
To: ka0gkc@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70119] Re: SMD Pick 'N' Place Device  
Message-ID: <391D8981.1193AF24@ced.utah.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Drill a hole in a larger tube at a convenient place to cover with your index finger and attach the larger tube to a tiny tube for manipulating parts. Then you can easily switch the vacuum "on" by covering the hole and "off" by uncovering it. Hole must be much larger than hole at end of tube. You'll have to figure out how to attach the two tubes together and seal the joint. Epoxy will probably work just fine.

Bruce kk7zz

Cla KA0GKC wrote:

> Hi Gang,  
>  
> I think this suction pick and place idea is a good one. Here's an idea to  
> try. I successfully modified an old aquarium pump I had to suck air instead  
> of blow. It seems to generate enough vacuum to pick up SMDs. I haven't made a  
> tip yet, but I'm thinking a piece of the smallest ID brass tubing available  
> from the hobby shop with a little silicone glue on the end should do.  
>  
> To mod the pump you need to take it apart and flip the two flap (reed) valves  
> to the opposite sides and reassemble. Your mileage may vary if you come  
> apart at all.  
>  
> I haven't figured out how to get a nice smooth coating of silicone on the end  
> of the small diameter tube yet. But I do know from my model airplane days  
> that silicone glue doesn't stick to Saran wrap. Maybe a little piece of  
> heatshrink tubing or some odd rubber part from the hobby shop??  
>  
> Just food for thought.  
> ----  
> 73 de KA0GKC Claton Cadmus

> ka0gkc@arrl.net  
> MNQRP #1  
> Minnesota QRP'ers we're looking for you!  
> Email me or visit this page <http://www.qsl.net/mnqrp>

-----  
Date: Sat, 13 May 2000 14:23:01 -0400  
From: Bob Kellogg <ae4ic@nr.infi.net>  
To: Dan Wolfe <n4roa@mounet.com>, Dick Hayter <DICKHAYTER@aol.com>, Harvey Mitchell <Harvey.Mitchell@enron.com>, Mary Cherry <na6e@qsl.net>, Michael C Boatright <ko4wx@mindspring.com>, "Richard E. Robinson" <rerobins@email.uncc.edu>, KLQRP <KLQRP@VRAMP.NET>, Subject: [70120] SMiTe: Hunt Rules  
Message-ID: <391D9D85.2EF6AB97@nr.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Guys,

The SMiTe Hunt rules are very simple, in fact, they are more like guidelines.

The SMiTe will appear at 0130 UTC each Monday morning on 3.6864 MHz. (Sunday evening 9:30 PM Eastern time) SMiTes will operate for at least an hour, and some may operate longer, up to two hours, if they wish. West coast SMiTes may even choose to move to a later starting time. They will advise us of this change, if it is made. The SMiTes will be using the KnightSMiTe transmitter and may use an auxiliary receiver. Output is in the range of 250 MW. Hunters may use any equipment.

SMiTes are located all over the country, so everyone will have a chance to catch a SMiTe sometime this summer.

The minimum exchange is CALL, RST, NAME, SPC (State/Province/Country) don't be afraid to chat a little unless there are really big pileups.

The SMiTes will keep a log of their contacts and turn them in to me, as well as publish them on QRP-L. Hunters can check these logs to be sure their contacts were recorded. At the end of the summer, a winner, the person who bagged the most SMiTes, will be declared.

This is not intended to be a race, just a lot of fun. Because they are QRPp power, the SMiTes will be hard to find. We encourage slower paced CW and more than just the minimum exchange.

In the case of a misunderstanding or controversy about a contact, the particular SMiTe operators decision is final.

--

73,

Bob Kellogg, AE4IC, Greensboro, NC

Prolobly, not nececelery. - Benny Hill

-----  
Date: Sat, 13 May 2000 12:54:06 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: qrp-l@lehigh.edu  
Subject: [70121] Re: K0EVZ = KC80C0/0 during FISTS Sprint  
Message-ID: <391DA4CE.B9AE8B97@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

That sprint is a real mess on 20 and 15 qrp freqs - thank goodness the 30 and 17 meter bands are contest free. And there had been some nice dx on 20 earlier.

--

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

-----  
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<http://www.netzero.net/download/index.html>

-----  
Date: Sat, 13 May 2000 12:24:08 -0700  
From: gsurrency@juno.com  
To: jslouber@highsierraelectronics.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [70122] Re: Proper measurement question  
Message-ID: <20000513.122408.-439855.7.gsurrency@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hi all,

I would not connect an ammeter directly across the PV array. You can damage the cells or the interconnections that way. It is far safer to put a low value test resistance in series with the ammeter across the output of the PV array until you reach the value of R that does not produce any further increase in current. Start with 10 ohms or so and keep lowering the resistance until there is no increase in current. You can also read the voltage produced at maximum current this way.

Most PV arrays are fragile and can be damaged if misused.

Gary Surrency AB7MY

On Sat, 13 May 2000 09:25:52 -0700 Jim Slouber

<jslouber@highsierraelectronics.com> writes:

> Skip, connect an amp meter directly across the output leads of the  
> panel  
> while it is pointed directly at the sun. This is the short circuit  
> current. The output current while delivering current to a battery  
> will be  
> about 90% of that amount.  
>  
> Weight the battery, assume 1 amp hour per pound. Also measure its  
> volume  
> and compare the weight and volume against a table of batteries in  
> Mouser's  
> catalog.  
>  
> 73 Jim Slouber KF6TIE.  
>  
> T.J. "SKIP" Arey N2EI wrote:  
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> > I have an interesting situation that may apply to other folks. I  
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> > come into possession of a solar cell array and a gel cell of  
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> > ampere/hour output of the solar cell AND the ampere/hour capacity  
> of the  
> > gel cell given no other information than the terminal markings. I  
> expect  
> > this is really not that hard but since I've never done it before I  
> > figure I'd ask the group its thoughts on the subject.  
> >

> > ++++++  
> >  
> > T.J. "SKIP" AREY N2EI e-mail tjarey@home.com  
> >  
> > Website http://members.home.net/tjarey  
> >  
> > Snail Mail: PO Box 236, Beverly, NJ 08010  
> >  
> > Specialization is for insects! LAZARUS LONG  
>  
>  
>

Gary Surrency AB7MY  
Elecraft Technical Support

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 13 May 2000 16:25:26 -0400  
From: "George Goodroe" <goodroe@worldnet.att.net>  
To: "QRP-L post \ (E-mail\)" <QRP-L@lehigh.edu>  
Subject: [70123] FS: MFJ 9040 etc.  
Message-ID: <000801bfb19\$6f1a7460\$0c00000a@ggoodroe01>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

FOR SALE

MFJ 9040 40 meter CW Transceiver  
MFJ 971 Tuner from QRP to 200 Watts  
MFJ 412 Curtis Keyer  
MFJ 726 CW audio Filter

Like new, all \$225, OBO shipped USPS priority insured.

Thanks and 73 de KF4CPJ  
George Goodroe  
St. Petersburg, FL USA

-----  
Date: Sat, 13 May 2000 16:45:21 -0400  
From: "Tim Cook" <timcook@erinet.com>  
To: <timcook@erinet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [70124] Re: FS/T: Audio Filters , K8FF paddles (PADDLES SOLD)  
Message-ID: <006a01bfbd1c\$2a5c76e0\$2c785acf@erinet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

thanks for all the responses, the paddles have been sold

----- Original Message -----

From: Tim Cook <timcook@erinet.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Saturday, May 13, 2000 11:05 AM  
Subject: FS/T: Audio Filters , K8FF paddles

> I have 2 audio filters for sale.  
>  
> Autek QF-1A SSB/CW/AM peak/notch/hp/lp dual notch built in ac supply looks  
> and works great with manual \$30 shipped in the lower 48  
>  
> MFJ 784 DSP Audio filter (the original, not the "B") looks and works  
good,  
> with box and manual. Very good DSP unit. the "custom filter" indicator LED  
> doesn't light, but the filters work fine. \$100 Shipped in the lower 48  
>  
> K8FF Paddles for sale, assembled, painted base, some nicks in the paint,  
> otherwise in good condition with the assembly instructions  
> \$35 Shipped in lower 48  
>  
> helps those rigs that have marginal filtering  
>  
> please email direct if interested. I would consider trading for a 40m qrp  
> rig..  
>  
> 73  
> Tim  
> NZ8J  
>  
>

-----

Date: Sat, 13 May 2000 16:11:39 -0500  
From: "Cla KA0GKC" <ka0gkc@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <tjarey@home.com>  
Subject: [70125] Re: Proper measurement question  
Message-ID: <06fc01bfbfd20\$3de6c400\$0200000a@mcg.net>

Skip,

I wouldn't recommend shorting a solar panel. Assuming you wish to use this to power a rig and/or charge a battery. The maximum short circuit current is of no consequence.

Place the panel facing the bright noon day sun. Take a few automotive lamps, starting with tail lights and connect two in series across the panel and read the voltage. The two in series will have a 24 volt rating and should be safe connected across the panel. If the voltage is less than 16 volt, try a single lamp. The idea is to find the point at which the solar panel is providing 12 volts or so and then measure the current. Now add lamps in parallel, or use lamps that draw more current like headlights. I have a couple headlights with burnt out low beams I keep around as battery loads using the still OK high beam filament. This will give you a very good idea of the capacity of the panel and you can calculate the watt rating.

Also, you probably should do this with a diode in series with it's associated voltage drop (about .7 volts for 1N400x style, .3 for Schottky) as you will need one to prevent the panel from discharging the battery during periods of darkness unless you build a sophisticated solar charge controller.

Hope this Helps,

----

73 de KA0GKC Claton Cadmus

ka0gkc@arrl.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

-----  
Date: Sat, 13 May 2000 11:47:27 +0300  
From: Arjen Raateland <Arjen.Raateland@vyh.fi>  
To: QRP-L <QRP-L@lehigh.edu>



Subject: [70126] DX QSL & IRC?  
Message-ID: <391D169F.E1737EAA@vyh.fi>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Hi gang,

Is it better to include a 1\$ note with a QSL to a DXpedition or should I go and buy an IRC? What about QSL to other 'rare' DX.

73,

--

Arjen Raateland  
OH2ZAZ

SAS Support  
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

-----  
Date: Sat, 13 May 2000 14:43:46 -0700  
From: "Alan Kaul" <alan.kaul@worldnet.att.net>  
To: <Arjen.Raateland@vyh.fi>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [70127] Re: DX QSL & IRC?  
Message-ID: <000901bfbd24\$527784a0\$ed0d480c@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

If I desperately need the card and the location is fairly rare, I often send either two US dollars or two IRC's. Otherwise only one IRC or one greenstamp.

I never send dollars to certain countries -- IRC's to Russia, China, Mongolia, Pakistan, India, Middle East, much of Africa except South Africa. I send green stamps to Europe, South America, Carribean.

I try to make the envelopes look very plain -- no mention of amateur radio or call letters, etc. And I try to "hide" the IRC or dollar bills inside my return envelope so that someone holding the envelope up to a powerful light cannot see what is inside.

Alan Kaul, W6RCL, LaCanada, CA  
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

-----  
Date: Sat, 13 May 2000 17:53:45 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70128] Looking for SMK-1 QSO's  
Message-ID: <391DCEE9.59D4DE7E@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If anyone would like to make an SMK-1 qso tonight (13May) let me know.  
Will be listning from about 2300z around 7039.

73  
Paul AJ4Y

--  
Polk County Amateur Radio Emergency Services:  
<http://www.qsl.net/polkares>  
Florida Contest Group:  
<http://www.qsl.net/fcg>

-----  
Date: Sat, 13 May 2000 21:51:54 +0000  
From: nilsbull@juno.com  
To: QRP-L@lehigh.edu  
Subject: [70129] Coming to Dayton & a shopping trip  
Message-ID: <20000513.215218.-142433.1.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Fellow crazies,

Reminds me of a line that shows up in just about every episode (that I watched) of the anime show "Gundam Wing," what my son is/was addicted to: "Fellow comrades . . . " I thought comrades was fellow, like companion is someone you break bread with & comrades is someone who shares your reasonings. Which would mean that you were of like mind, like in common, as in fellowship.

Oh well.

Anyway, Cindy dragged me off to a new restaurant last night in Dayton. It's called the Amber Rose & it's right off Route 4 on the north east side of town. Easy to get to. They specialize in Eastern & Central European food. Like Lithuanian & Polish & German &c. Ain't had sauerbraten that good in long time, yoldashlar.

And today I went over to visit Nasser & Mohammed at the Middle Eastern Deli & got loaded up on cheeses like to die for and labne & all kinds of other stuff that gringo stores ain't got. Like figs. I can't find figs. When I was a kid, Mom always put figs on our plates. I love 'em. Dried. Jelly. Fresh. Whatever.

So you what's coming to Dayton, if you get a chance, you should check out that stuff. Better 'n the standard rubber chicken con. I don't know if Nasser takes plastic, but the Amber Rose does.

Now . . . Just finished off the final tastes of the LDG tuner lash up preparatory to trying it out on the travel radio bag of tricks. Everything worked just cool. But I couldn't get the LDG to tune 160m, even with the internal balun. It tuned through the switching set up with the other, larger balun hosed up. Couldn't figger it out. But then . . . I noticed that the ground leg of the larger balun was unslobbered from the ground of the input hose. Which mean I was runnin' a kinda long wire at the top of 30 ft of nominally vertical wire. Which probably explains why that never worked so good on 160 or 75m. Made my signals "30 db below mental telepathy," as W8BS said on LNR.

So now I guess I'll toss the idea of the 4:1 balun & just run the tuner through the switch thingie as a long wire &c. Sure will cut down on the extra hoses & boxes & coils & other junk. Why, it might even work at the beach this summer.

Sometimes Nasser has fresh goat meat. Never tasted goat. Wonder if it tastes like chicken. Which is a good idea for dinner tonight . . .

See ya in about a week, youse what's comin' to visit! Be there or be . . .

73

Nils

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Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://www6.50megs.com/w8ijn> -- W8IJN -- <http://members.xoom.com/nilsbull>

"In MY day we had to FIGHT to have signatures! Every DAY was a STRUGGLE!"  
-- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

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Date: Sat, 13 May 2000 18:31:01 -0400

From: Bruce Muscolino <w6toy@erols.com>

To: Arjen.Raateland@vyh.fi

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [70130] Re: DX QSL & IRC?

Message-ID: <391DD7A5.3E63@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Arjen, and others I hope,

I would only send IRC's if you really wanted to get the card back quickly. Now as an 'Old Timer' I don't really see any reason to get the card back quickly! WhHt does is prove? That you worked the station (does not depend on mail speed), that you have more money than sense (that's it!).

I will admit that during my 'BIG dxer' days I often thought it would be nice to have the QSLs immediately, but common sense did win out. USE THE BUREAU SYSTEM. It is cheap and it works. It only takes time!

You can send IRC's when they are specifically requested. You can even send a 'green stamp' when it is specifically requested. This tends to happen with DXpeditions more than plain old stations. A DXpedition may make 10,000 QSOs in a few days, they obviously need some help with expenses. But, consider, what about you?

You are a DX station to many of us. Should we all send you IRC's or 'green stamps' to help you recover yuor expenses? I don't think so. The QSL is the final compliment to a nice QSO. I send you mine, you send me yours. It is an even trade off! Neither of us work 100 DX stations every week (at least not very often). We can all afford the cost of sending our cards to the bureau.

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Date: Sat, 13 May 2000 17:38:03 -0500  
From: Marty <N5NW@midsouth.rr.com>  
To: qrp-l@lehigh.edu  
Subject: [70131] Spare Oscilloscope for sale or for trade  
Message-ID: <02irhs41bctqhfs4ubctgckt23klsv5p2@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

I have a B&K Precision 60 MHz dual trace oscilloscope that I really can't= use  
and don't have room for. Model no. 2160. Manual, four probes, cover for= the  
face. Can send photo via e-mail if interested. Very reasonable price = and  
delivery can be arranged within 150-200 miles of Memphis.

Let me know if interested. I can see myself swapping the scope and about= \$100  
for a older pentium laptop with 16-32 meg and a 1.5-2 gig harddrive and = slow  
CD-ROM, or a multimode controller and some cash, or I'd sell outright for= \$250  
including shipping via UPS ground. Photos available at  
<http://marty.w.tripod.com/hamradio.html> if interested.

--  
Marty, N5NW

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Lakeland (Memphis), Tennessee =  
<http://marty.w.tripod.com/>  
N5NW@midsouth.rr.com

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Date: Sat, 13 May 2000 18:49:35 EDT  
From: K4NK@aol.com  
To: qrp-l@lehigh.edu  
Subject: [70132] F/S / trade Ten tec scout station  
Message-ID: <4a.55d0c29.264f35ff@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hello gang;

Will list this again as i had no offers . I have a very nice ten tec Scout station. Have scout ,5 band modules , matching power supply model 937, matching antenna tuner model 291, matching paddle mod. 607 and watt meter model 2102. Also the 700c hand mike. all books and manuals and reviews etc. ....\$650 or ?

72 Les K4NK

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End of QRP-L Digest 1820

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